

FIG. 1

2

Host  
10

Target  
20

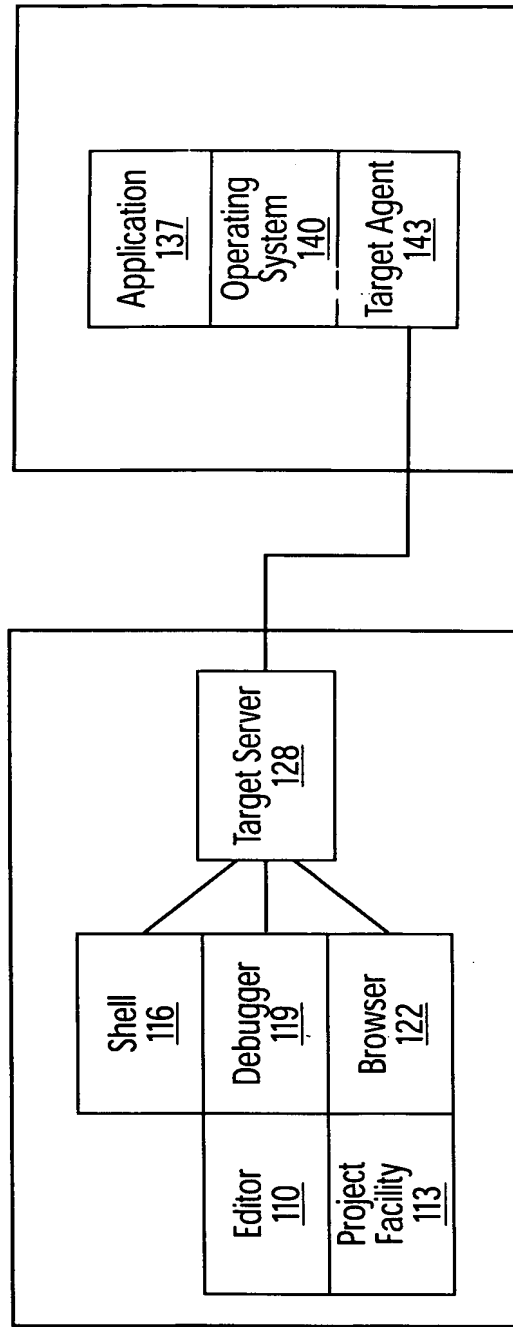


FIG. 2

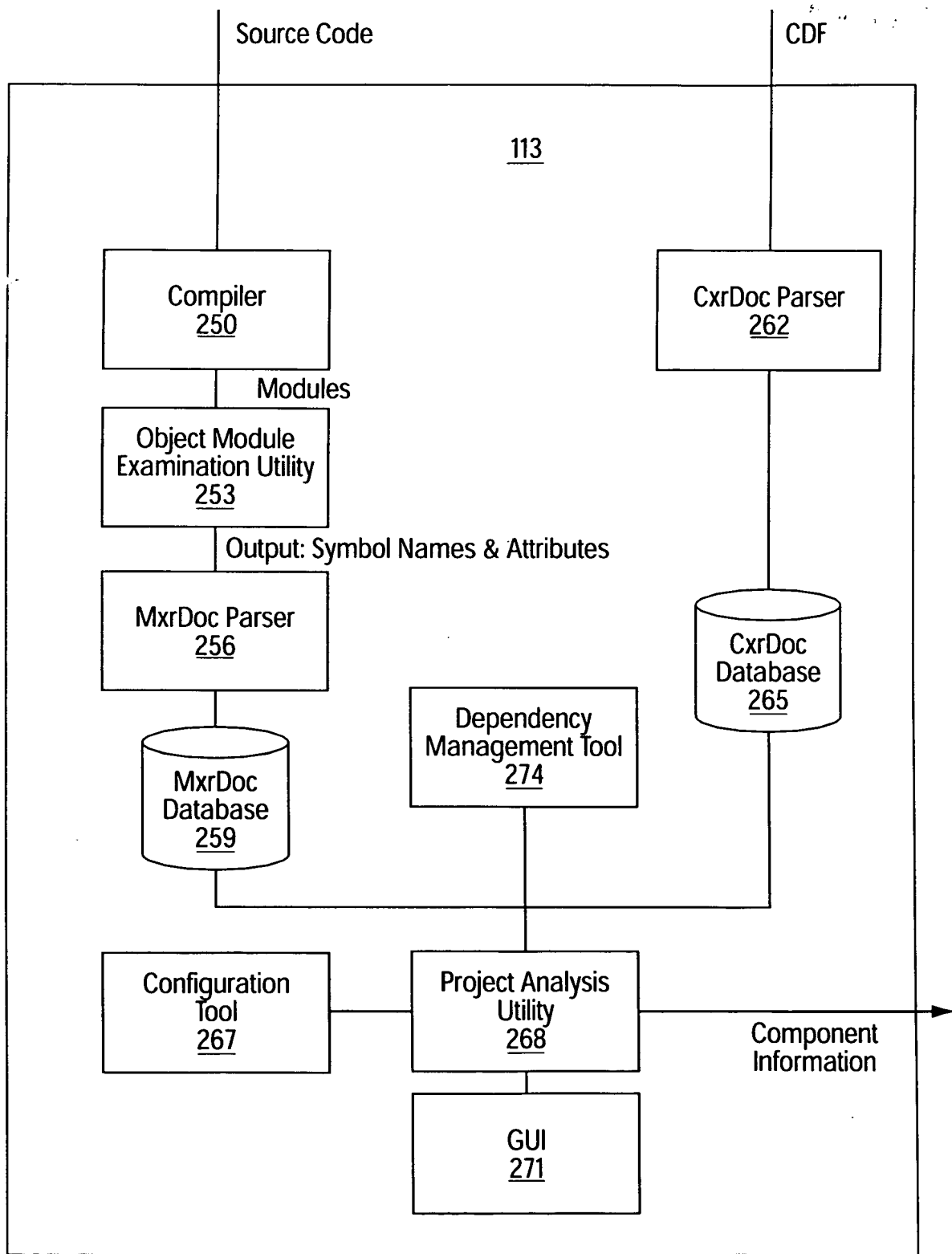


FIG. 3

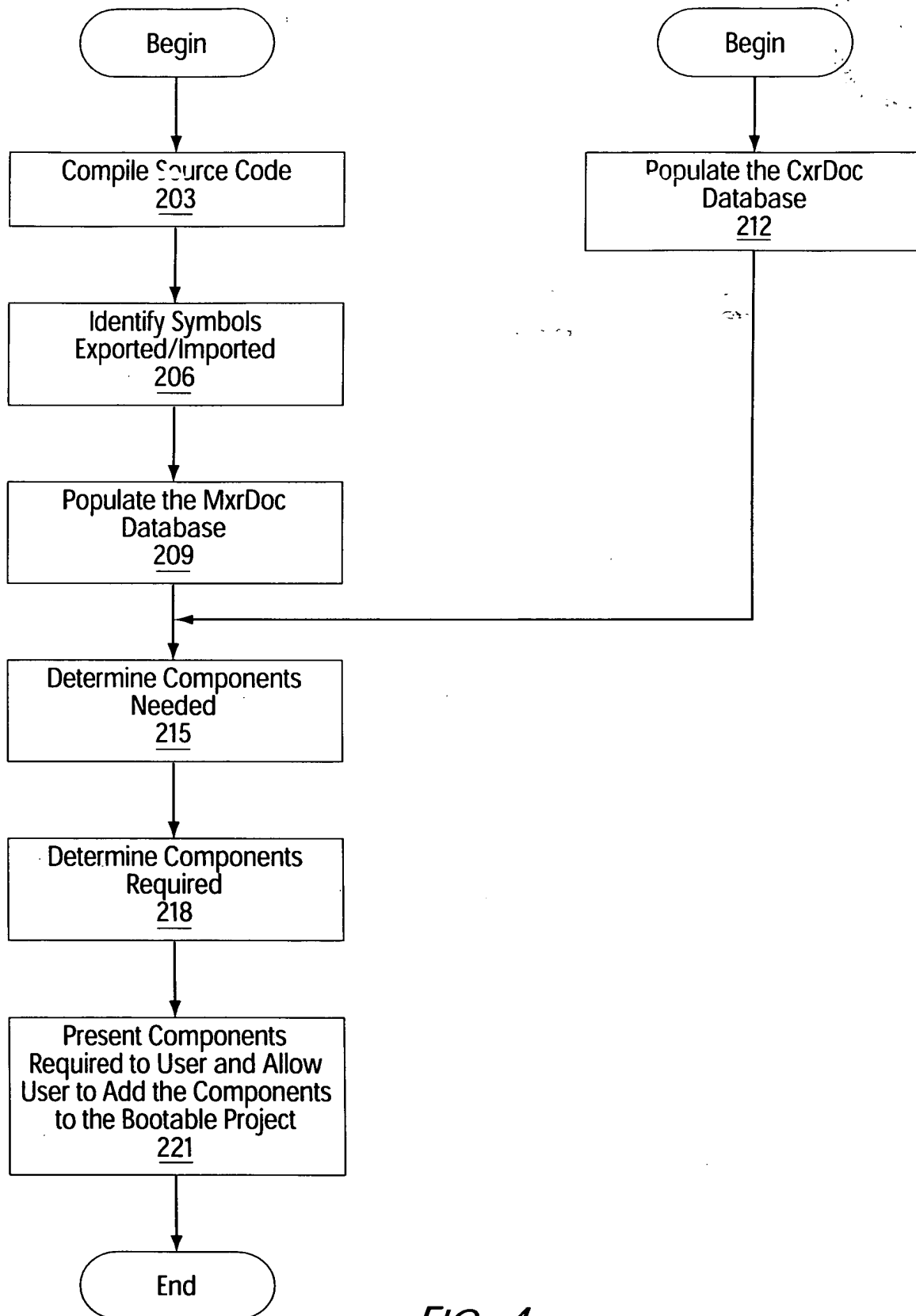


FIG. 4

Module Cross-Reference Database (mxrDoc)

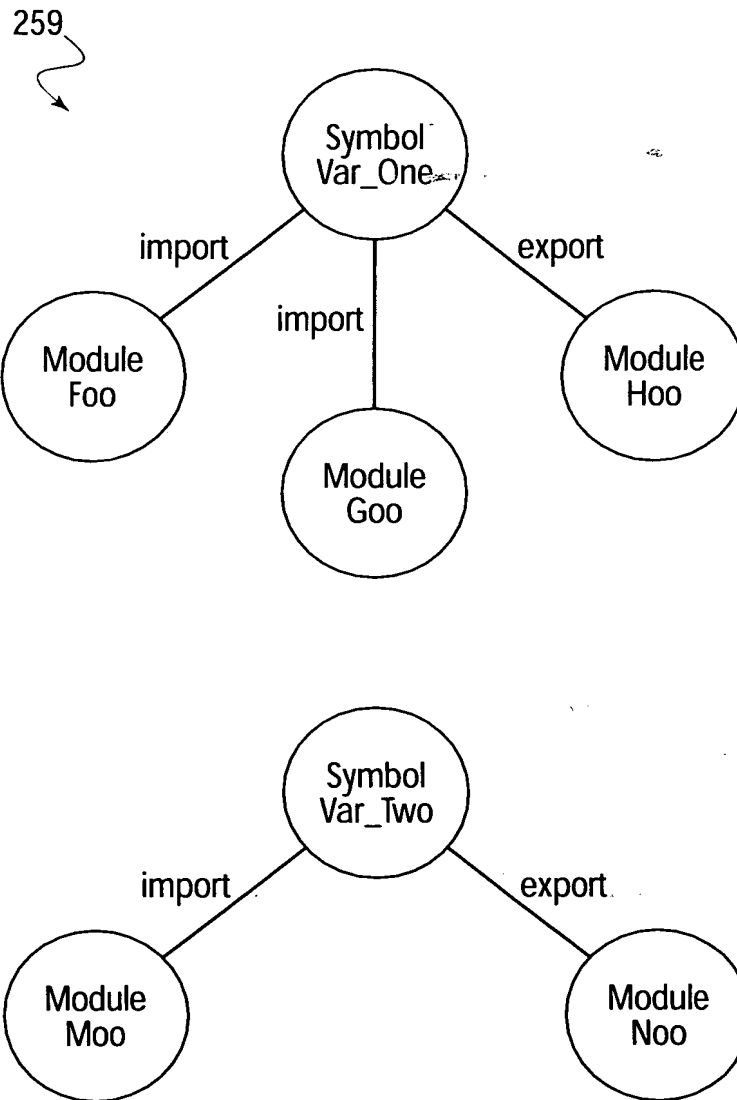


FIG. 5

Component Cross-Reference Database (cxrDoc)

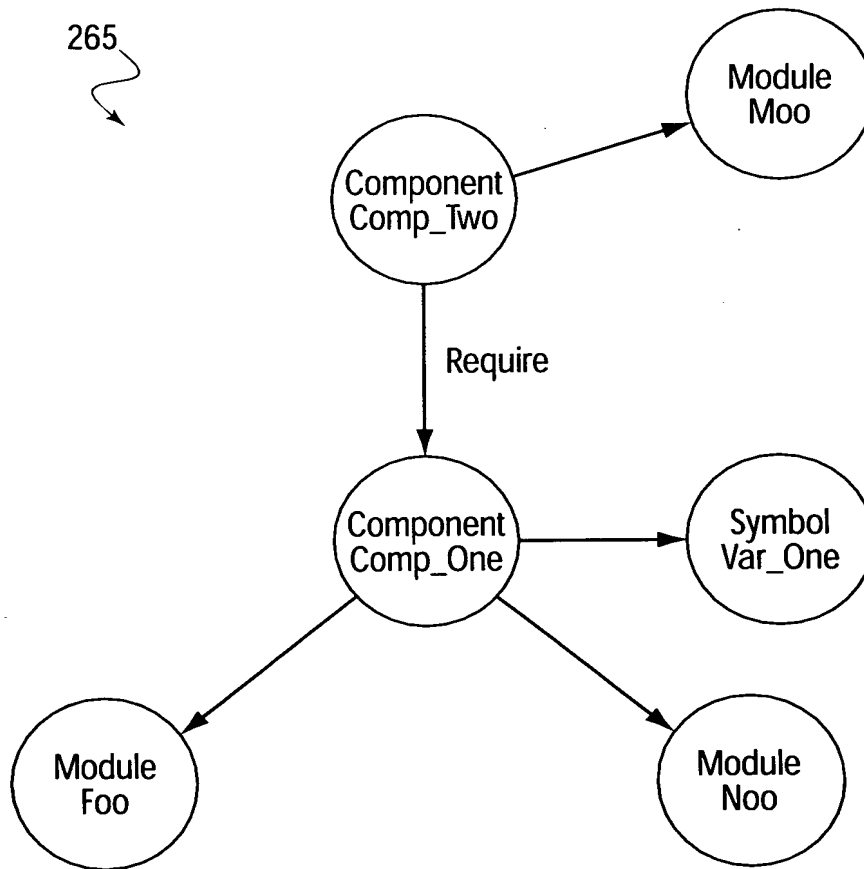


FIG. 6

Include Component(s)

?

X

The following components will be included:

target debugging

shell banner

target shell

NOTE: The following components are required by the components to the left and will also be included:

floating point show routine

C++ symbol demangler

target loader

Image size change (bytes)

| text  | data  | bss | total |
|-------|-------|-----|-------|
| 83872 | 12908 | 916 | 97696 |

Size of included components (bytes)

| text   | data  | bss   | total  |
|--------|-------|-------|--------|
| 331608 | 21376 | 25464 | 368448 |

OK

Cancel

Help

FIG. 7

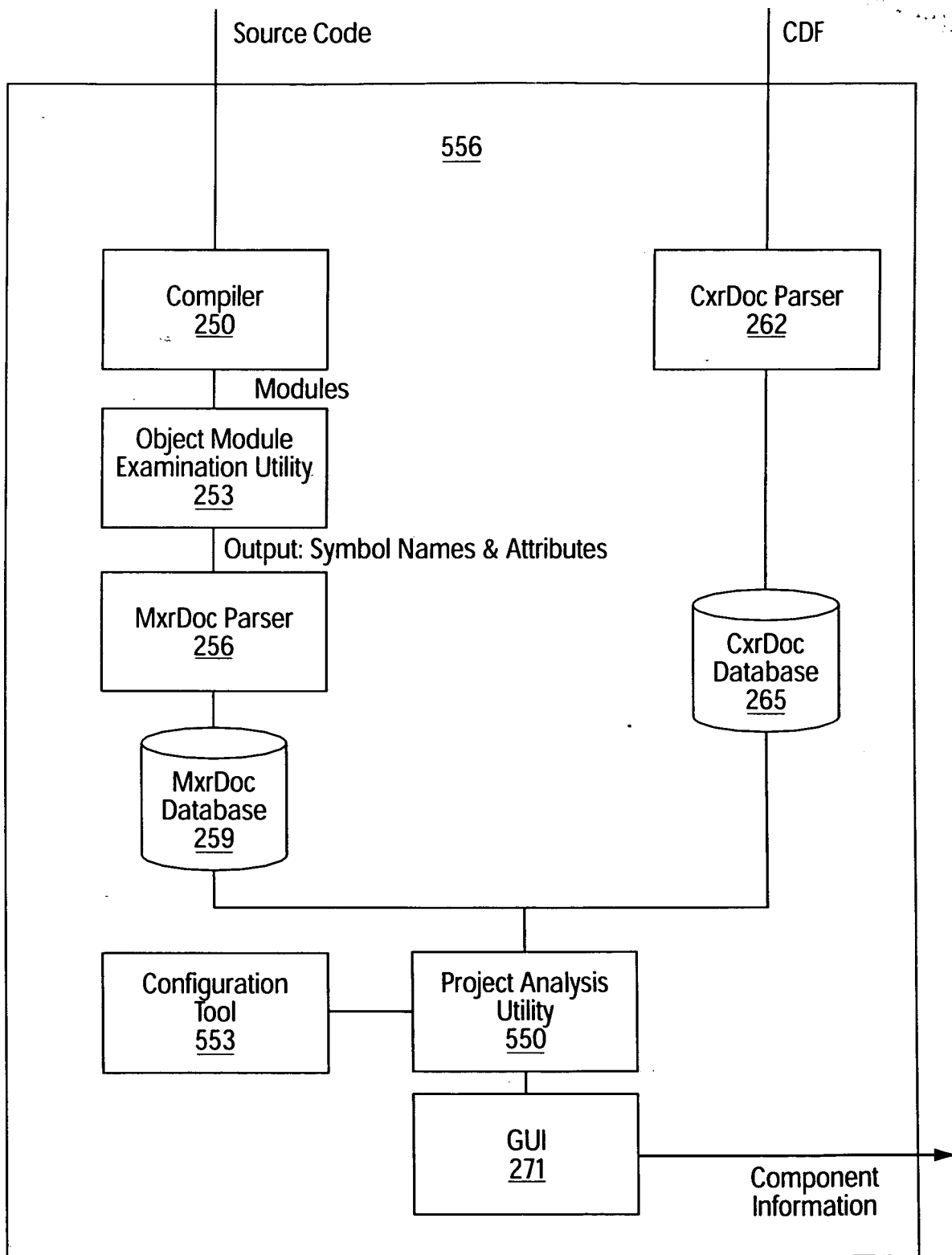


FIG. 8



```

graph TD
    Begin([Begin]) --> 403[Configure Set of Domains  
403]
    403 --> 406[Insert Components into the Domain  
406]
    406 --> 407{Are All the Necessary Components Already Present?  
407}
    407 -- yes --> 415
    407 -- no --> 409[Find Components Needed by Each Domain in the System  
Project 409]
    409 --> 412[For Each Domain, Allow User to Add Any Needed Components  
412]
    412 --> 415
    415[Perform DeadWood Removal in Order to Find the Unneeded Components in Each Domain of the System  
Project 415] --> 418[For Each Domain, Allow User to Remove Unneeded Components  
418]
    418 --> End([End])
  
```

*FIG. 9*

**FIG. 9**

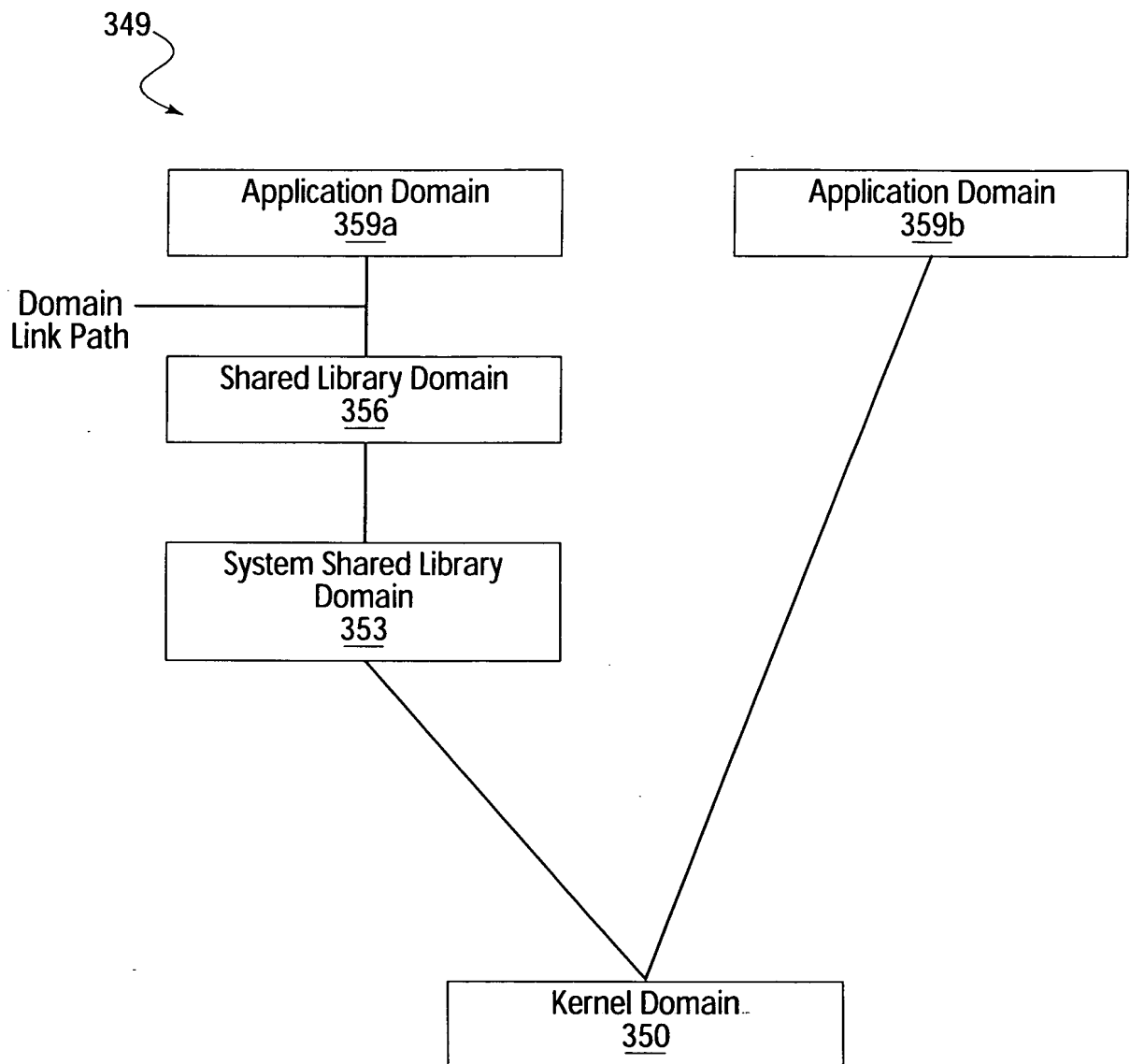


FIG. 10

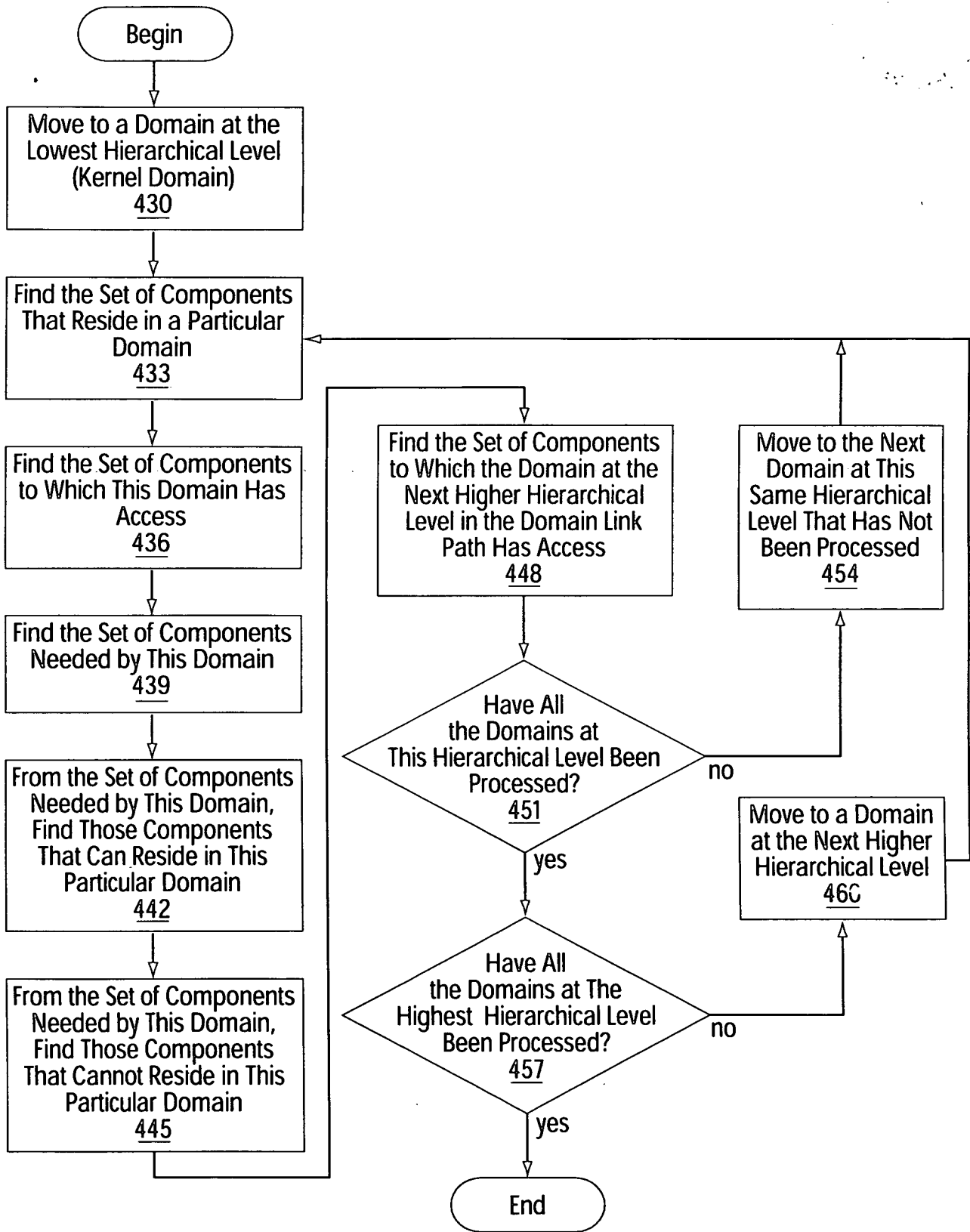


FIG. 11

$A1' = C6, C7, C25, C51, SL'$   
 A1 Non-Resident Needed Set = C51  
 A1 Resident Needed Set = C25  
 A1 Access Set = C6, C7, SL'  
 A1 Present Set = C6, C7

$A2' = C9, C26, K'$   
 A2 Non-Resident Needed Set =  $\emptyset$   
 A2 Resident Needed Set = C26  
 A2 Access Set = C9, K'  
 A2 Present Set = C9

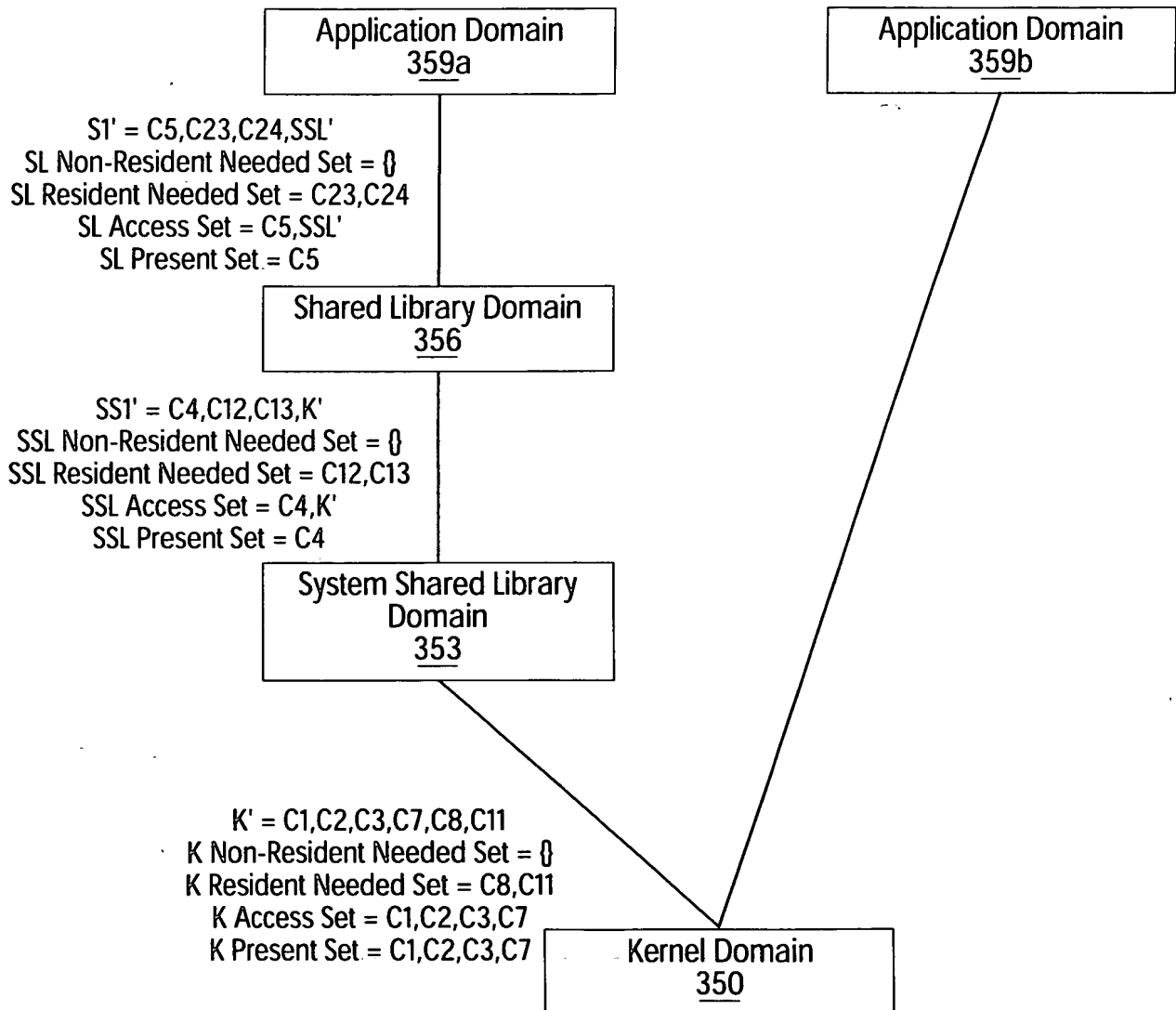


FIG. 12

FIG. 13a

FIG. 13a

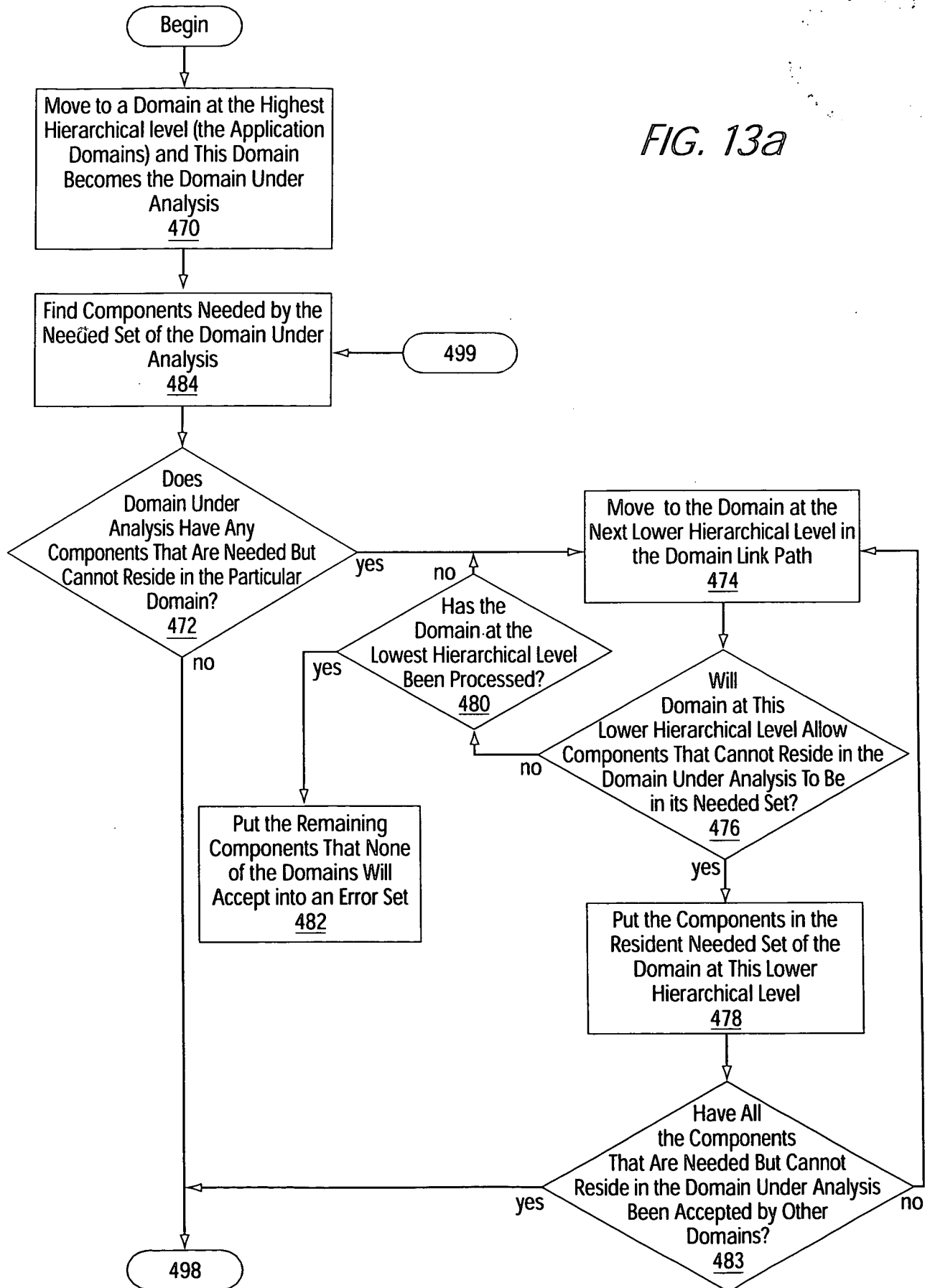


FIG. 13b

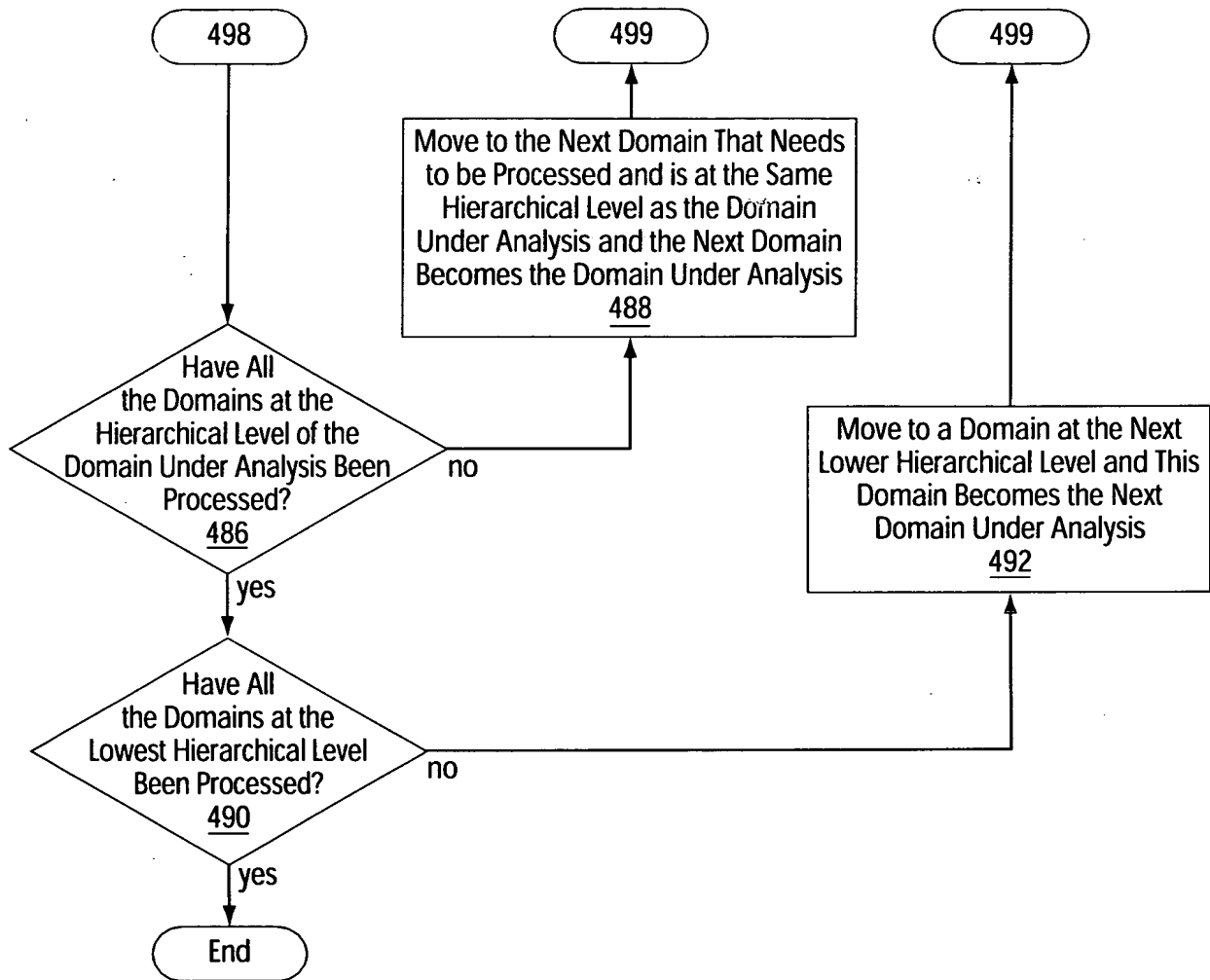


FIG. 13b

$A1' = C6, C7, C25, C51, SL'$   
 $A1 \text{ Non-Resident Needed Set} = C51$   
 $A1 \text{ Resident Needed Set} = C25$   
 $A1 \text{ Access Set} = C6, C7, SL'$   
 $A1 \text{ Present Set} = C6, C7$

$A2' = C9, C26, K'$   
 $A2 \text{ Non-Resident Needed Set} = \emptyset$   
 $A2 \text{ Resident Needed Set} = C26$   
 $A2 \text{ Access Set} = C9, K'$   
 $A2 \text{ Present Set} = C9$

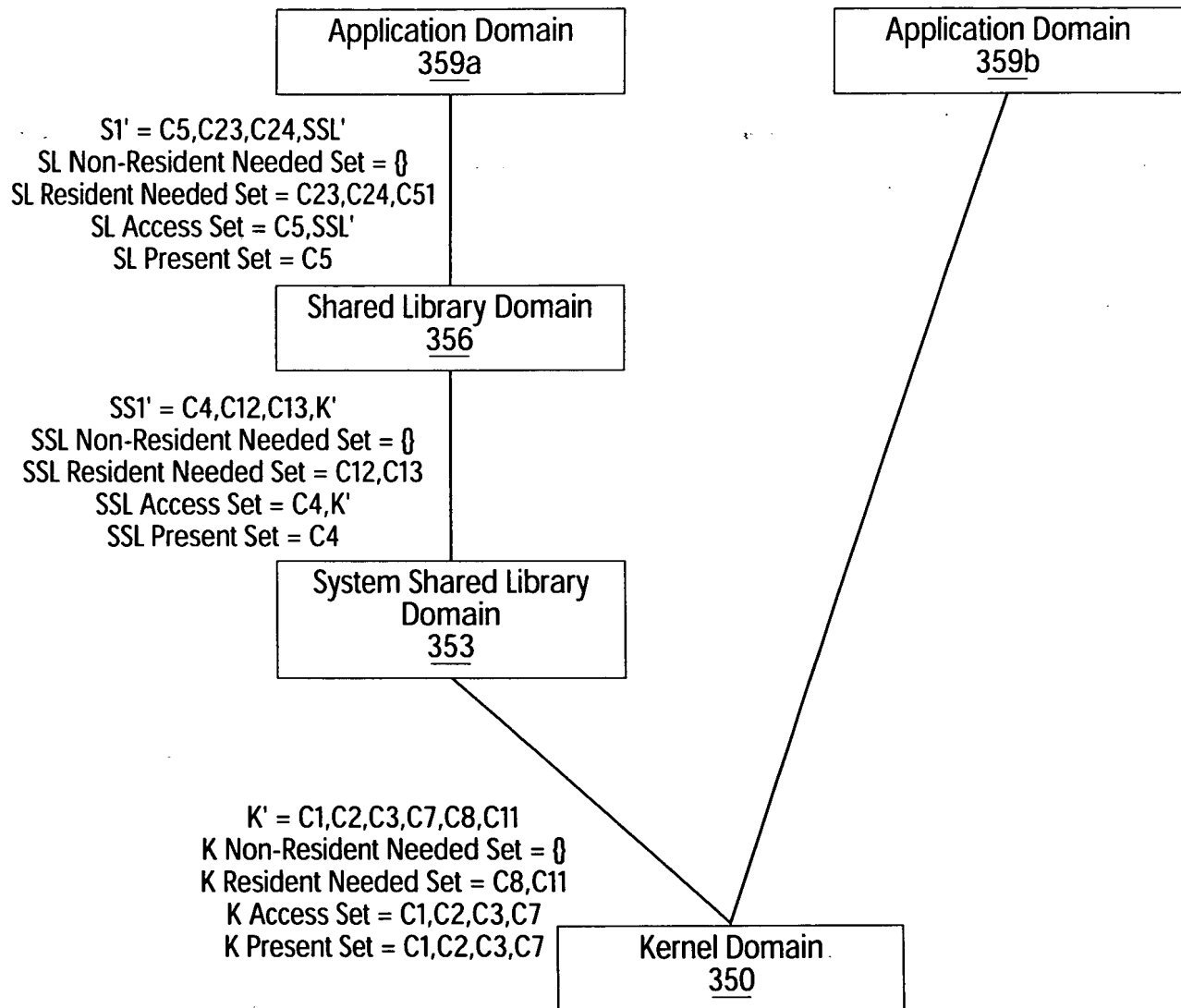


FIG. 14





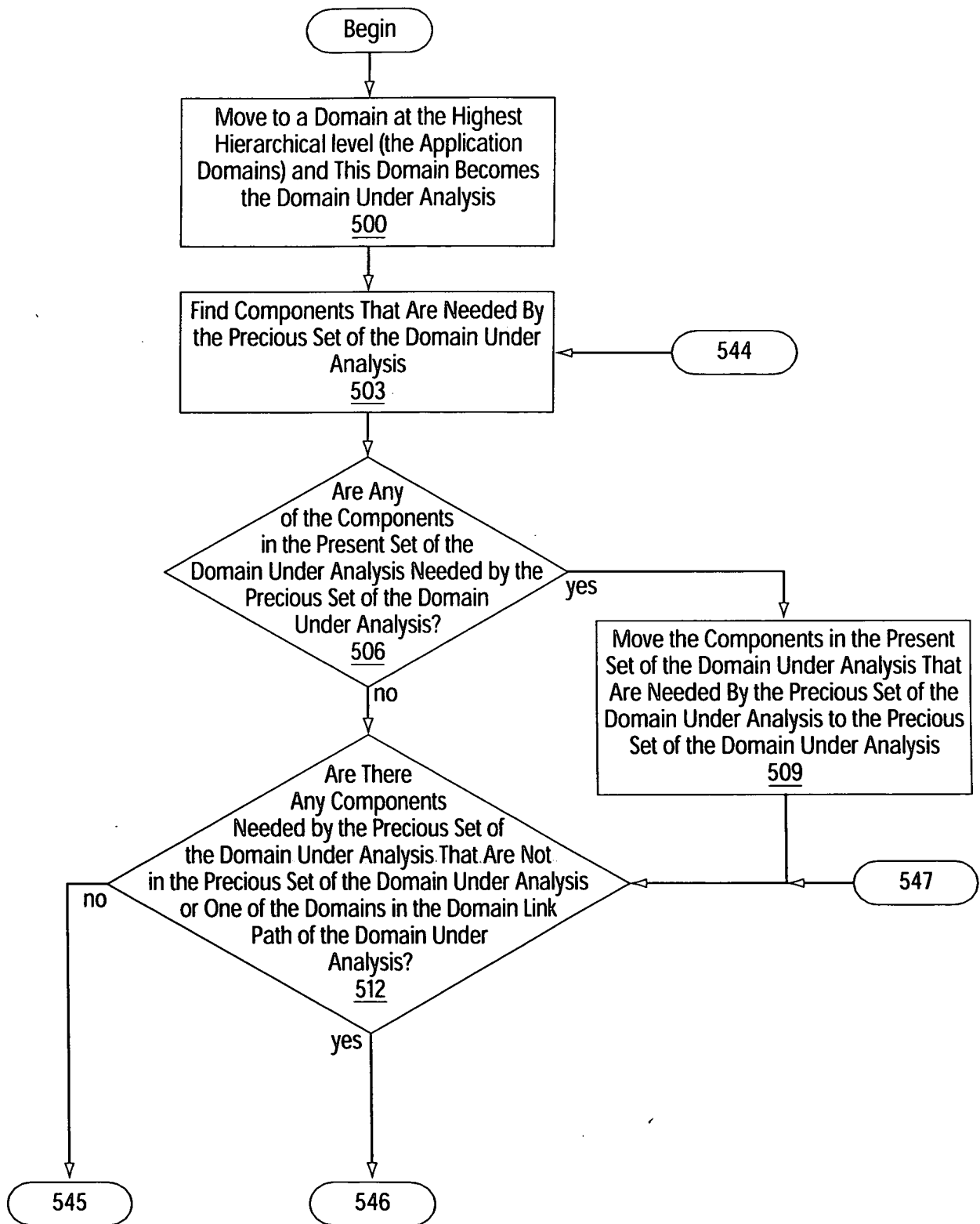


FIG. 16a



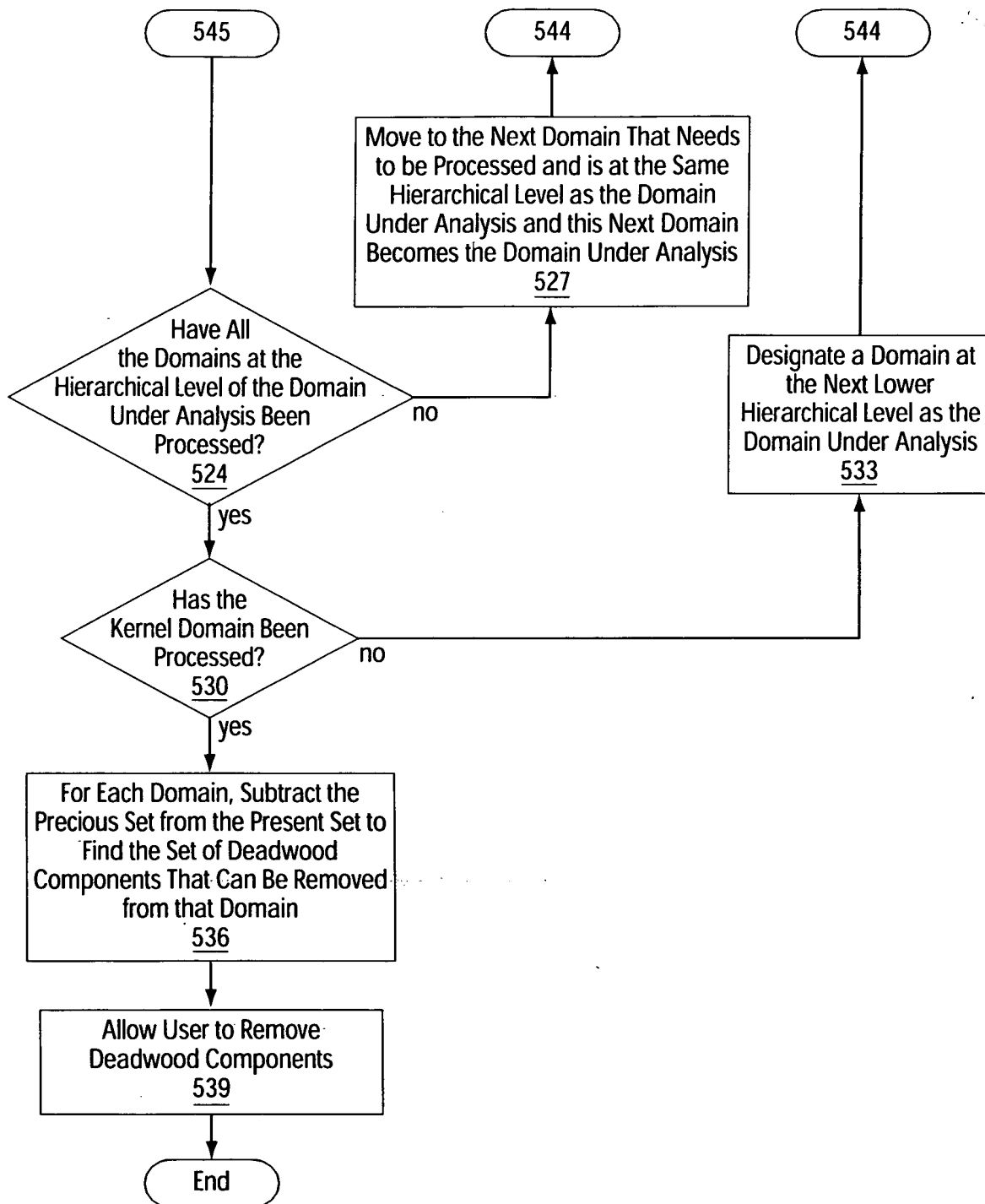


FIG. 16c

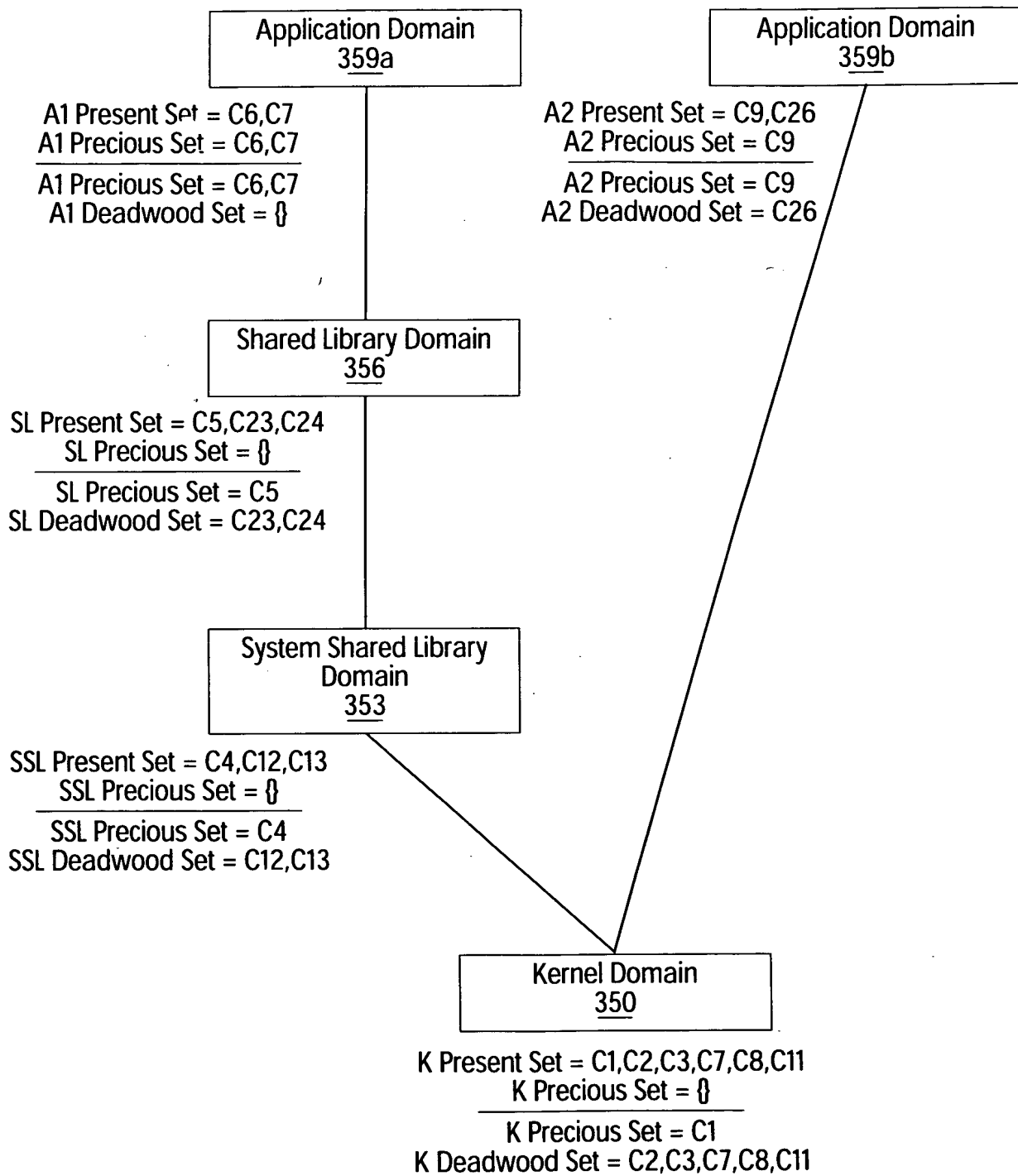


FIG. 17

Autoscale

Analysis to Run Remove Deadwood Components Run Analysis Help

☐ MySystem101.wpj

☐ vxKernel

☐ MyAppDomain101

☐ MySharedLibraryDomain101

☐ MySystemSharedLibraryDomain101

Launch Component Gallery

Exclude

Domain: vxKernel Domain Type: Kernel

Remove These Components

These components are not needed by this domain, based on the list of components marked Precious on the left. All checked components will be removed.

| Component                  | Remove                              |
|----------------------------|-------------------------------------|
| INCLUDE_ADR_SPACE_LIB      | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_ASSERT        | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_LOCALE        | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_MATH          | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_STUDIO        | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_STUDIO_EXTRA  | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_STDLIB        | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_STRING_KERNEL | <input checked="" type="checkbox"/> |
| INCLUDE_ANSI_TIME          | <input checked="" type="checkbox"/> |

Select None

Select All

Remove

FIG. 18